

Baskar, P.  
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L1 638 SEA ABB=ON PLU=ON "BURNIE J"?/AU  
L2 5935 SEA ABB=ON PLU=ON "MATTHEWS R"?/AU  
D COST  
L3 370 SEA ABB=ON PLU=ON L1 AND L2  
L4 72 SEA ABB=ON PLU=ON (L1 OR L2 OR L3) AND (CHLAMYDIA OR  
(CHLAMYDIA OR C) (W) PNEUMON?)  
L5 20 SEA ABB=ON PLU=ON L4 AND ANTIBOD?  
L6 10 DUP REM L5 (10 DUPLICATES REMOVED)

- Author(s)

L6 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1  
ACCESSION NUMBER: 2000:553692 CAPLUS  
DOCUMENT NUMBER: 133:145931  
TITLE: Protein and DNA sequences of a novel  
**Chlamydia pneumoniae** antigen and  
the uses in diagnosis and treatment of diseases  
associated with **Chlamydia** infection  
INVENTOR(S): **Burnie, James Peter; Matthews, Ruth  
Christine**  
PATENT ASSIGNEE(S): Neutec Pharma Plc, UK  
SOURCE: PCT Int. Appl., 35 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000046359	A2	20000810	WO 2000-GB237	20000128
WO 2000046359	A3	20001207		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,

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CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
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VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
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BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
CA 2359354 AA 20000810 CA 2000-2359354 20000128  
EP 1149162 A2 20011031 EP 2000-901235 20000128  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC,  
PT, IE, FI  
US 2004029806 A1 20040212 US 2003-634914 20030806  
PRIORITY APPLN. INFO.: GB 1999-2555 A 19990205  
WO 2000-GB237 W 20000128  
US 2001-889314 A1 20011120

AB The invention provides protein and DNA sequences of a novel  
**Chlamydia pneumoniae** antigen. The present invention  
further relates to the uses of the antigens of this invention in  
treatment, prevention and diagnosis of infection due to  
**Chlamydia pneumoniae** and in particular to the  
prevention and treatment of atherosclerosis, including coronary  
atherosclerosis, caused by same.

L6 ANSWER 2 OF 10 MEDLINE on STN DUPLICATE 2  
ACCESSION NUMBER: 96165059 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8568001  
TITLE: Immunoblotting in the diagnosis of culture negative  
endocarditis caused by streptococci and enterococci.  
AUTHOR: **Burnie J P**; Clark I  
CORPORATE SOURCE: Department of Medical Microbiology, Manchester Royal  
Infirmary.  
SOURCE: Journal of clinical pathology, (1995 Dec) 48 (12)  
1130-6.  
Journal code: 0376601. ISSN: 0021-9746.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199603  
ENTRY DATE: Entered STN: 19960315  
Last Updated on STN: 19960315  
Entered Medline: 19960306

AB AIM--To improve the diagnosis of culture negative endocarditis by  
diagnosing cases due to streptococci and enterococci. METHODS--Serum  
samples were immunoblotted against extracts of the commonest  
streptococci and enterococci. They were selected from patients with a  
cardiac murmur, persistent pyrexia and at least three negative blood  
cultures. The presence of patterns of endocarditis species specific  
antigenic bands was measured and correlated with clinical outcome.  
RESULTS--Negative serology was found in 28 patients where the  
diagnosis of endocarditis was rejected or, if proved, staphylococcal,  
yeast, Gram negative, systemic lupus erythematosus, due to Q fever or  
**Chlamydia psittaci** or nonbacterial thrombotic. Positive  
serology was found in 27 of the 34 patients where the response to  
antibiotics suggested streptococcal or enterococcal infection. In 22

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of these there was objective evidence of endocarditis. Positive serology was also found in three of four further patients with vegetations at necropsy. CONCLUSION--The identification of patterns of **antibody** response on immunoblotting can be used to make a specific diagnosis of streptococcal or enterococcal endocarditis in the absence of positive blood cultures.

L6 ANSWER 3 OF 10 MEDLINE on STN  
 ACCESSION NUMBER: 95052743 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 7963626  
 TITLE: Raised urinary neopterin levels and **Chlamydia** trachomatis infection.  
 AUTHOR: Kelly L; Woodcock J M; **Matthews R S**; Wise R  
 SOURCE: Journal of infection, (1994 Jul) 29 (1) 110-2.  
 Journal code: 7908424. ISSN: 0163-4453.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Letter  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199412  
 ENTRY DATE: Entered STN: 19950110  
 Last Updated on STN: 19980206  
 Entered Medline: 19941216

L6 ANSWER 4 OF 10 MEDLINE on STN  
 ACCESSION NUMBER: 93186153 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 8444482  
 TITLE: Evaluation of an enzyme-linked immunoassay and confirmatory test for the detection of **Chlamydia** trachomatis in male urine samples.  
 AUTHOR: **Matthews R S**; Pandit P G; Bonigal S D; Wise R; Radcliffe K W  
 CORPORATE SOURCE: Department of Microbiology, Dudley Road Hospital, Birmingham, UK.  
 SOURCE: Genitourinary medicine, (1993 Feb) 69 (1) 47-50.  
 Journal code: 8503853. ISSN: 0266-4348.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199304  
 ENTRY DATE: Entered STN: 19930416  
 Last Updated on STN: 19930416  
 Entered Medline: 19930406

AB First pass urine (FPU) samples were compared with urethral swab culture from 304 males attending a genitourinary medicine clinic using an enzyme immuno assay (EIA). All of the EIA positive samples were retested by incorporating a novel blocking reagent into the EIA protocol; 101 were positive by culture of which 83 were also positive by FPU EIA, an additional four were detected in FPU only and not by culture; 86 of these 87 were also confirmed positive by the blocking reagent. Discrepant results were evaluated by Syva MicroTrak. The sensitivity and specificity of FPU EIA as compared with urethral swab culture was 82.2% (83/101) and 98% (199/203) respectively with positive and negative predictive values of 95.4% (83/87) and 91.7% (199/217). Male urethral swab culture is more sensitive than FPU EIA; however, when culture is not available then FPU offers a reliable non-invasive alternative to swab EIA which may be of enormous benefit in community screening of asymptomatic as well as symptomatic

patients.

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ACCESSION NUMBER: 92041225 EMBASE  
DOCUMENT NUMBER: 1992041225  
TITLE: **Chlamydia pneumoniae** (TWAR) in neonates [1].  
AUTHOR: **Matthews R.S.**; Mohite A.; Addy D.P.; Wise R.  
CORPORATE SOURCE: Dudley Road Hospital, Birmingham, United Kingdom  
SOURCE: Pediatric Infectious Disease Journal, (1991) Vol. 10, No. 12, pp. 956-957.  
ISSN: 0891-3668 CODEN: PIDJEV  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Letter  
FILE SEGMENT: 004 Microbiology  
007 Pediatrics and Pediatric Surgery  
030 Pharmacology  
037 Drug Literature Index  
LANGUAGE: English  
ENTRY DATE: Entered STN: 920320  
Last Updated on STN: 920320

DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

L6 ANSWER 6 OF 10 MEDLINE on STN

ACCESSION NUMBER: 90363018 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 1975372  
TITLE: Sterile pyuria and **Chlamydia trachomatis**.  
AUTHOR: **Matthews R S**; Bonigal S D; Wise R  
SOURCE: Lancet, (1990 Aug 11) 336 (8711) 385.  
Journal code: 2985213R. ISSN: 0140-6736.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Letter  
LANGUAGE: English  
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
ENTRY MONTH: 199010  
ENTRY DATE: Entered STN: 19901109  
Last Updated on STN: 19950206  
Entered Medline: 19901003

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ACCESSION NUMBER: 91046725 EMBASE  
DOCUMENT NUMBER: 1991046725  
TITLE: Longer incubation of an amplified enzyme immunoassay for the detection of **Chlamydia trachomatis**.  
AUTHOR: Arumainayagam J.T.; White D.J.; **Matthews R.S.**  
CORPORATE SOURCE: Department of Genitourinary Medicine, General Hospital, Steelhouse Lane, Birmingham B4 6NH, United Kingdom  
SOURCE: Genitourinary Medicine, (1990) Vol. 66, No. 6, pp. 461-462.  
ISSN: 0266-4348 CODEN: GEMEE2  
COUNTRY: United Kingdom  
DOCUMENT TYPE: Journal; Letter  
FILE SEGMENT: 004 Microbiology  
010 Obstetrics and Gynecology  
026 Immunology, Serology and Transplantation  
LANGUAGE: English  
ENTRY DATE: Entered STN: 911216

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Last Updated on STN: 911216  
DATA NOT AVAILABLE FOR THIS ACCESSION NUMBER

L6 ANSWER 8 OF 10 MEDLINE on STN DUPLICATE 3  
ACCESSION NUMBER: 90296220 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 2360133  
TITLE: Evaluation of a genus-specific monoclonal  
**antibody** in an amplified enzyme-linked  
immunoassay in the detection of **Chlamydia** in  
urine samples from men.  
AUTHOR: Jawad A J; Manuel G; **Matthews R**; Wise R; Clay  
J C  
CORPORATE SOURCE: Department of Genitourinary Medicine, General Hospital,  
Birmingham, United Kingdom.  
SOURCE: Sexually transmitted diseases, (1990 Apr-Jun) 17 (2)  
87-9.  
Journal code: 7705941. ISSN: 0148-5717.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199008  
ENTRY DATE: Entered STN: 19900907  
Last Updated on STN: 19900907  
Entered Medline: 19900802

AB In this study, the authors used amplified enzyme-linked immunoassay  
(IDEIA **Chlamydia** test) on urine samples of 623 male patients  
attending a sexually transmitted disease clinic. They compared the  
results with routine urethral cell culture isolation, which showed a  
sensitivity and specificity of 72.6% and 98.6%, respectively. The  
sensitivity was significantly higher (79.7%) in patients with clinical  
evidence of urethritis as compared with those without such evidence  
(59%). The use of first-catch, early-morning urine may improve the  
sensitivity of the test.

L6 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4  
ACCESSION NUMBER: 1988:128335 CAPLUS  
DOCUMENT NUMBER: 108:128335  
TITLE: Commercially available fluorescein-conjugated  
monoclonal **antibody** for determining the  
in vitro activity of antimicrobial agents against  
**Chlamydia** trachomatis  
AUTHOR(S): Webberley, J. M.; **Matthews, R. S.**;  
Andrews, J. M.; Wise, R.  
CORPORATE SOURCE: Dep. Med. Microbiol., Dudley Road Hosp.,  
Birmingham, B18 7QH, UK  
SOURCE: European Journal of Clinical Microbiology (1987),  
6(5), 587-9  
CODEN: EJCMDM; ISSN: 0722-2211  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB A simple, reproducible method for determining the antibiotic susceptibility  
of chlamydial isolates is described. Min. inhibitory and lethal  
concns. (MICs and MLCs) were determined for tetracycline and erythromycin  
titrated against a recent clin. isolate of *C. trachomatis* in McCoy  
cell cultures. A fluorescent **antibody** stain was more  
sensitive than giemsa staining, generally giving 2-fold higher values  
for both MICs and MLCs.

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ACCESSION NUMBER: 88080229 EMBASE

DOCUMENT NUMBER: 1988080229

TITLE: Commercially available fluorescein-conjugated monoclonal **antibody** for determining the in vitro activity of antimicrobial agents against **Chlamydia trachomatis**.

AUTHOR: Webberley J.M.; **Matthews R.S.**; Andrews J.M.; Wise R.

CORPORATE SOURCE: Department of Medical Microbiology, Dudley Road Hospital, Birmingham, B18 7QH, United Kingdom

SOURCE: European Journal of Clinical Microbiology, (1987) Vol. 6, No. 5, pp. 587-589.

ISSN: 0722-2211 CODEN: EJCMDM

COUNTRY: Germany

DOCUMENT TYPE: Journal

FILE SEGMENT: 004 Microbiology  
037 Drug Literature Index

LANGUAGE: English

ENTRY DATE: Entered STN: 911211

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L2	5935	SEA	ABB=ON	PLU=ON	"MATTHEWS R"?/AU
					D COST
L3	370	SEA	ABB=ON	PLU=ON	L1 AND L2
L4	72	SEA	ABB=ON	PLU=ON	(L1 OR L2 OR L3) AND (CHLAMYDIA OR
					(CHLAMYDIA OR C) (W) PNEUMON?)
L5	20	SEA	ABB=ON	PLU=ON	L4 AND ANTIBOD?
L6	10	DUP	REM	L5	(10 DUPLICATES REMOVED)
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OLDMEDLINE now back to 1950.

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FILE BIOSIS  
FILE COVERS 1969 TO DATE.  
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 3 November 2005 (20051103/ED)

FILE RELOADED: 19 October 2003.

FILE EMBASE  
FILE COVERS 1974 TO 3 Nov 2005 (20051103/ED)

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FILE COVERS 1973 TO 25 May 2005 (20050525/ED)

FILE SCISEARCH

FILE COVERS 1974 TO 3 Nov 2005 (20051103/ED)

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FILE COVERS 1985 TO 24 OCT 2005 (20051024/ED)

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